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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

:

Akiko ITAI ET AL

: GROUP ART UNIT: 1631

SERIAL NO: 09/656,435

:

FILED: September 6, 2000

: EXAMINER: BORIN, MICHAEL

#81C
Plunkett
8/6/02

FOR: METHODS FOR SEARCHING STABLE DOCKING
MODELS OF BIOPOLYMER-LIGAND MOLECULE COMPLEX

AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Responsive to the Official Action of February 1, 2002, and accompanied by a petition for a three month extension of time and the appropriate fees, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks.

IN THE CLAIMS

Please amend claims 6-11 to read as follows:

C1
--6. (Amended) A method for determining stable ligand-biopolymer docking structures comprising:
inputting three-dimensional coordinates for each atom of a biopolymer as well as atomic element, bond-type or covalent bonds and three-dimensional coordinates for each atom of a ligand; wherein dummy atoms are preset at positions of heteroatoms that can